

Synonymy in West Indian Lamiinae (Cerambycidae)

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Abstract. — *Caribbeana* Gilmour (Apomecynini) is synonymized with *Styloleptus* Dillon (Acanthocinini) (NEW SYNONYMY). *Caribbeana hebes* Gilmour and *Leptostylus bredini* Chemsak are synonymized with *Lamia inermis* Fabricius (NEW SYNONYMIES) as *Styloleptus inermis* (Fabricius), NEW COMBINATION. The type locality of *Lamia inermis* Fabricius is restricted to St. Croix, Virgin Islands.

In preparation of a paper on the Cerambycidae of the Virgin Islands, the following synonymies were discovered. They are published here to make them available to others dealing with the West Indian fauna.

Styloleptus Dillon

Styloleptus Dillon, 1956:158 [type species *Leptostylus biustus* Dillon].

Caribbeana Gilmour, 1963a:97 [type species *Caribbeana hebes* Gilmour]. NEW SYNONYMY.

Caribbeana was erected for Gilmour's new species *hebes*, based on a unique specimen. Examination of Gilmour's type shows that this genus belongs in the Acanthocinini, not in the Apomecynini where it was placed by Gilmour. *C. hebes* is a typical *Styloleptus*, under the current definition of that genus.

Styloleptus inermis (Fabricius), NEW COMBINATION

Lamia inermis Fabricius, 1801:293.

Caribbeana hebes Gilmour, 1963a:98 NEW SYNONYMY.

Caribbeana hebes: Chemsak and Linsley, 1982:96.

Leptostylus bredini Chemsak, 1966:217. Chemsak and Linsley, 1982:96. NEW SYNONYMY.

Styloleptus bredini: Chalumeau, 1983:230.

Distribution. — St. Croix, St. Eustatius, St. Barthélemy (?), Antigua.

Lamia inermis Fabricius was erected for a specimen cited from America meridionali, collected by D. Smidt, in the Sehestedt collection. Beginning with Fleutiaux and Sallé (1889:472), this name was misapplied to *Styloleptus posticalis* (Gahan) until clarified by Villiers (1980a:92, 1980b:573) (*Leptostylopsis inermis* was used in this sense by Chemsak and Linsley, 1982:98). The lectotype and paralectotype of *Lamia inermis* were compared to material assembled for a study

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of Virgin Island cerambycids and found to be conspecific with specimens from St. Croix, Virgin Islands. As Smidt was a resident of St. Croix (Zimsen, 1964: 14), and since specimens from that island match both the original specimens, the type locality is here restricted to St. Croix.

The types of *Caribbeana hebes* and *Leptostylus bredini* were also examined and found conspecific with *Lamia inermis*. The type of *C. hebes* is greasy, and the color pattern is obscured, giving it a uniform appearance.

The Neotropical Acanthocinini are in need of a modern revision, and until one is accomplished, diagnoses of most species will be tentative at best. *Styloleptus inermis* can be distinguished from *S. posticalis*, the species with which it has most often been confused in the literature, by the light colored elytral disk which is the same color, and often continuous with, the medio-apical area. In *S. posticalis* the elytral disk is dark and very distinctly separated from the light colored medio-apical area (see Villiers, 1980b, fig. 97). These species appear to be allopatric, with *S. posticalis* occurring on the islands from Guadeloupe to Grenada, while *S. inermis* is known from the islands from St. Croix to Antigua. Although the Guadeloupe record for *inermis* was shown by Villiers to belong to *S. posticalis*, the source of the record of St. Barthélemy (Aurivillius 1923:401 and others) has not been located. It was dropped by Villiers, and I suspect that it belongs under *inermis*.

Styloleptus divisus Gilmour from Hispaniola, known to me only from Gilmour's description and photo (1963b:70, plate I), appears to be the species most closely related to *S. inermis*.

In addition to the lectotype and paralectotype of *Lamia inermis* (in Zoological Museum, Copenhagen), the holotype and paratypes of *Leptostylus bredini* (in U.S. National Museum, Washington), and the holotype of *Caribbeana hebes* (in Doncaster Museum, Doncaster), I have seen the following specimens: 4 specimens from St. Croix in the Copenhagen collection; and 3, also from St. Croix, taken in ethanol baited vane traps by J. A. Yntema and P. A. Godwin during January and June (in Virgin Islands Bureau of Fish and Wildlife collection, St. Croix, and in my collection).

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